

Claims

1. A method for analysing an input signal having an input frequency-bandwidth, the method comprising
 - 5 - providing at least one frequency-bandwidth limited portion of the input signal,
 - determining, for each of the at least one frequency-bandwidth limited portion of the input signal, durations of a predetermined number of half-periods and signal excursions during respective predetermined number of determined half-periods, and
 - 10 - determining, based on the signal excursions and corresponding half-periods, a quality of the input signal.
 - 15 2. A method according to claim 1 wherein the signal excursions are determined as peak-to-peak values.
 3. A method according to claim 1 comprising rectifying each of the at least one frequency-bandwidth limited portion of the input signal, and determining the signal excursions as the signal excursion between two consecutive zeroes.
 - 20 4. A method according to claim 1 wherein the input signal is a speech signal, and the quality is a vowel.
 - 25 5. A method according to claim 1 wherein the input signal is generated by an industrial product, and the quality is related to a condition of the industrial product.
 - 30 6. A method according to claim 1 wherein the input signal is a physiological signal in a human or animal body such as a nerve signal.

7. A method according to claim 1 wherein the predetermined number of half-periods is one half-period.